

Daily Report 103/2021

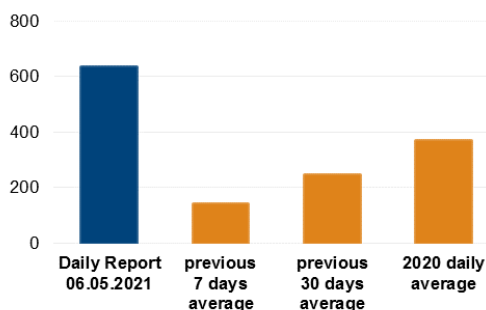
6 May 2021¹

Summary

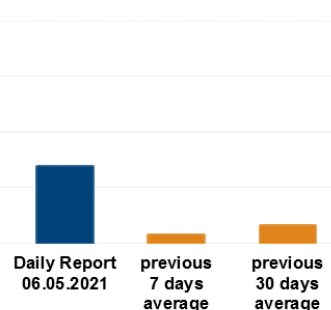
- In Donetsk region, the SMM recorded 618 ceasefire violations, including 266 explosions. In the previous reporting period, it recorded 217 ceasefire violations in the region.
- In Luhansk region, the Mission recorded 18 ceasefire violations, including nine explosions. In the previous reporting period, it recorded no ceasefire violations in the region.
- The Mission corroborated reports of a 16-year-old boy injured due to a mine explosion on 6 April near non-government-controlled Slovianoserbsk, Luhansk region.
- The SMM observed damage to a hospital in government-controlled Krasnohorivka, Donetsk region.
- Small-arms fire was assessed as directed at SMM mini-unmanned aerial vehicles (UAV) near non-government-controlled Oleksandrivka, Donetsk region and near non-government-controlled Smile, Luhansk region.
- The Mission continued monitoring the disengagement areas near Stanytsia Luhanska, Zolote and Petrivske. It spotted people inside the latter two areas.
- The Mission facilitated and monitored adherence to localized ceasefires to enable maintenance and operation of critical civilian infrastructure.
- The SMM continued following up on the situation of civilians, including at three entry-exit checkpoints and the corresponding checkpoints of the armed formations in Luhansk region.
- The Mission's freedom of movement continued to be restricted, including at checkpoint of the armed formations near Staromykhailivka and near Kruta Balka in Donetsk region. The SMM UAVs again experienced multiple instances of GPS signal interference.*

Ceasefire violations²

Number of recorded ceasefire violations³



Number of recorded explosions⁴



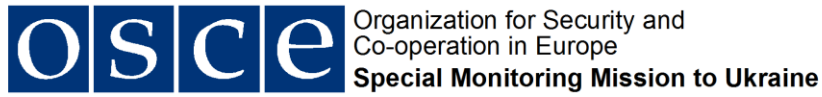
¹ Based on information from the Monitoring Teams as of 19:30, 5 May 2021. All times are in Eastern European Summer Time.

² For a complete breakdown of ceasefire violations, please see the annexed table. During the reporting period, the SMM camera in Petrivske was not operational. The SMM system at the Oktiabr mine was again operational from 17:44 on 5 May, after being non-operational from 16:37 on 19 April.

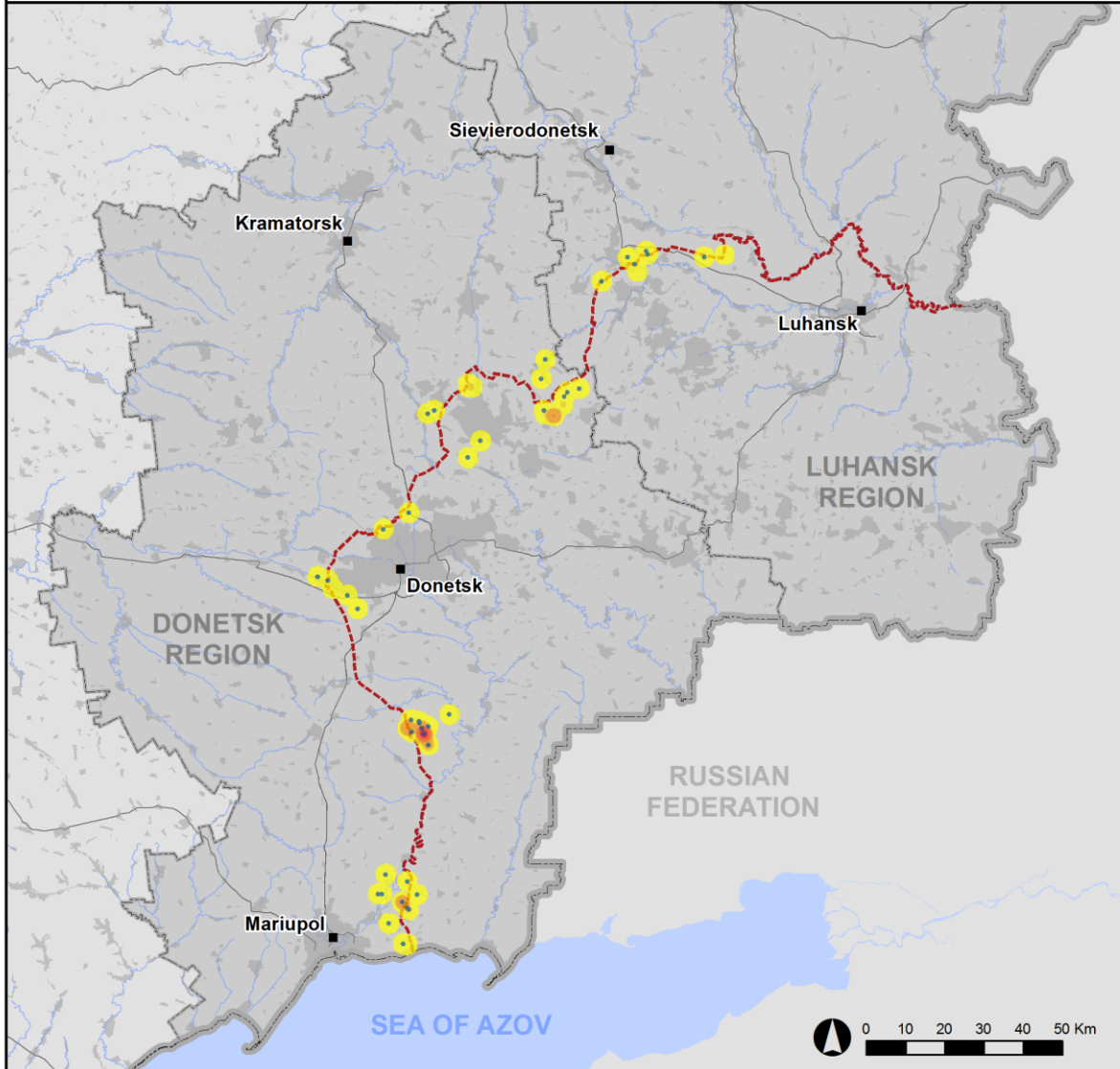
³ Including explosions.

⁴ Including from unidentified weapons.

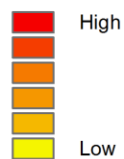
Map of recorded ceasefire violations



Ceasefire violations observed by the SMM 5 May 2021



Ceasefire violation concentration



- Explosion
- Settlement
- Estimated line of contact

Sources: Administrative Boundaries - OCHA; Roads, Rivers - OpenStreetMap; Sea - VLIZ (2005). IHO Sea Areas; Other - OSCE.

Coordinate System: WGS 1984 UTM Zone 37N

This map is provided for illustrative purposes only. Its content is not warranted to be error-free and does not imply endorsement or acceptance by the OSCE SMM.

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Created: 06/05/2021

In Donetsk region, the SMM recorded 618 ceasefire violations, including 266 explosions (250 undetermined, five impacts of undetermined weapons and three of artillery rounds, three outgoing of artillery rounds, as well as five airbursts). The majority of ceasefire violations occurred at southerly directions of the disengagement area near Petrivske (non-government-controlled, 41km south of Donetsk) and north of Vuhlehirsk (non-government-controlled, 49km north-east of Donetsk). In the [previous reporting period](#), the Mission recorded 217 ceasefire violations.

In Luhansk region, the Mission recorded 18 ceasefire violations, including nine undetermined explosions. The majority of ceasefire violations occurred in areas north-west of Smile (non-government-controlled, 31km north-west of Luhansk) and north-west of Holubivske (non-government-controlled, 51km west of Luhansk). In the [previous reporting period](#), the Mission recorded no ceasefire violations.

Following agreement reached at the meeting of the Trilateral Contact Group on 22 July 2020 regarding additional measures to strengthen the ceasefire, from 00:01 on 27 July 2020 until the end of the reporting period, the SMM has so far recorded at least 24,627 ceasefire violations in both Donetsk and Luhansk regions (including 8,020 explosions, 3,161 projectiles in flight, 198 muzzle flashes, 83 illumination flares and at least 13,165 bursts and shots).

Boy injured due to a mine explosion in non-government-controlled Slovianoserbsk, Luhansk region

The SMM followed up on a case of a boy injured due to a mine explosion on 6 April near Slovianoserbsk (non-government-controlled, 28km north-west of Luhansk).

On 12 April, medical staff at a hospital in Slovianoserbsk told the SMM that a 16-year-old boy had been transported on their ambulance to the children's hospital in Luhansk city with blast trauma and shrapnel injuries. According to a certificate from the children's hospital in Luhansk city provided to the SMM, the 16-year-old boy was admitted to the hospital on 6 April with injuries consistent with a mine explosion.

On 3 May, the 16-years-old boy's legal guardian (woman, age unknown) told the SMM, over the phone, that on 6 April the boy had been walking along a road with another boy (17-years-old) on the north-eastern outskirts of Slovianoserbsk, in the vicinity of the Siverskyi Donets river, when the latter had stepped on a mine. She said that the 16-years-old boy had suffered multiple shrapnel wounds.

The SMM is following up on the case of the 17-years-old boy, who reportedly died due to this mine explosion.

Damage to a hospital in government-controlled Krasnohorivka, Donetsk region

On 5 May, on the eastern edge of Krasnohorivka (government-controlled, 21km west of Donetsk), at a hospital which provides 24-hour medical care, the SMM saw wooden boards covering five north-facing windows on the first and second floors of a two-storey building as well as 30 members of the State Emergency Service of Ukraine near the building, some of whom were carrying wooden boards. The SMM saw shrapnel marks assessed as fresh on the

north-facing wall of the two-storey building. The SMM was not able to assess the type of weapon used or direction of fire.

On the same day, medical staff told the SMM over the phone that there had been shelling in the area on the evening of 4 May while they were on duty at the hospital.

Small-arms fire assessed as directed at SMM mini-UAVs near Oleksandrivka, Donetsk region and near Smile, Luhansk region

While positioned on the north-western edge of Oleksandrivka (non-government-controlled, 20km south-west of Donetsk) to conduct an announced mini-UAV flight, the SMM heard three bursts of small-arms fire at an assessed distance of 1.4km west, assessed as directed at the UAV, which was flying about 1.4km west of the SMM's position. The Mission landed the UAV and left the area.*

While positioned on the western edge of Smile to conduct an announced mini-UAV flight, the SMM heard five bursts of small-arms fire at an assessed distance of 3.5km north-north-west, assessed as directed at the UAV, which was flying 3.5km north-north-west of the SMM's position. The Mission landed the UAV and left the area.*

Disengagement areas near Stanytsia Luhanska, Zolote and Petrivske⁵

While positioned inside the **disengagement area near Stanytsia Luhanska** (government-controlled, 16km north-east of Luhansk), the SMM saw two members of the armed formations (wearing armbands with "JCCC" written on them) south of the repaired span of the Stanytsia Luhanska bridge (15km north-east of Luhansk).

On 4 May, inside the **disengagement area near Zolote** (government-controlled, 60km west of Luhansk), an SMM long-range UAV spotted a person inside a former position of the armed formations near area's eastern edge, about 1.4km north of its south-eastern corner.

During the day on 5 May, while positioned at two locations near the disengagement area, the SMM recorded four undetermined explosions and a shot of small-arms-fire, all assessed as outside the disengagement area but within 5km of its periphery.

On the same day, while positioned near the checkpoint of the armed formations south of the disengagement area, the Mission saw four members of the armed formations (wearing armbands with "JCCC" written on them), two of whom walked inside the area to about 350m north of its southern edge and then returned.

On the same day, the Mission again saw the eight previously observed containers located south of the disengagement area's southern edge, on its edge and inside the area.

On 30 April, outside the disengagement area, about 450m south-west of its south-western corner, an SMM mini-UAV spotted for the first time at least 20 anti-tank mines of which nine were burnt out (unable to assess if recently laid), assessed as belonging to the armed formations.

⁵ Disengagement is foreseen in the Framework Decision of the Trilateral Contact Group relating to disengagement of forces and hardware of 21 September 2016.

On 4 May, an SMM long-range UAV spotted two people inside the **disengagement area near Petrivske** (non-government-controlled, 41km south of Donetsk) near former positions of the Ukrainian Armed Forces: one about 800m and one about 1.5km east-north-east of the area's south-western corner. It also spotted two people inside a former position of the armed formations near the area's south-eastern corner.

On the evening of 4 May, the SMM camera 2km east of Bohdanivka (government-controlled, 41km south-west of Donetsk) recorded one muzzle flash at an assessed range of 2-4km east-south-east, assessed as inside the disengagement area, as well as three airbursts and 55 projectiles in flight at an assessed range of 2-4km east and south-east, which were all unable to be assessed as inside or outside the disengagement area.

During the day on 5 May, while positioned at two locations near the disengagement area, the SMM recorded 201 undetermined explosions and 166 bursts of heavy-machine-gun-fire, all assessed as outside the disengagement area but within 5km of its periphery.

Withdrawal of weapons

The SMM continued to monitor the withdrawal of weapons in implementation of the Memorandum and the Package of Measures and its Addendum.

In violation of withdrawal lines, the SMM observed a probable mortar in a non-government-controlled area of Luhansk region.

Beyond withdrawal lines but outside designated storage sites, the Mission saw a self-propelled anti-aircraft system in a government-controlled area of Donetsk region, 13 tanks and three anti-tank guns in a training area in a non-government-controlled area of Donetsk region and 50 tanks and eight pieces of probable towed artillery in three training areas in non-government-controlled areas of Luhansk region. (For further information, see the tables below.)

Indications of military and military-type presence in the security zone⁶

The SMM observed four armoured combat vehicles in government-controlled areas of Donetsk and Luhansk regions, including in and near residential areas, as well as five armoured combat vehicles in a non-government-controlled area of Luhansk region. (For further information, see the table below.)

On 2 May, in a field about 2km south of Oleksandrivka (non-government-controlled, 20km south-west of Donetsk), an SMM mini-UAV spotted a non-SMM fixed-wing UAV attached to a parachute lying on the ground.

On the same day, in a field about 4.5km south-west of Styla (non-government-controlled, 34km south of Donetsk), an SMM mid-range UAV spotted a non-SMM fixed-wing UAV, which appeared to have crashed.

⁶ The hardware mentioned in this section is not proscribed by the provisions of the Minsk agreements on the withdrawal of weapons.

Presence of anti-tank mines and pieces of unexploded ordnance

On 1 May, in a field about 1.5km south of Orikhove (government-controlled, 57km north-west of Luhansk) an SMM mini-UAV again spotted at least 80 anti-tank mines, assessed as belonging to the Ukrainian Armed Forces. (For previous observations in the area see [SMM Daily Report of 2 March 2021](#).)

On 2 May, in a field about 2km south of Oleksandrivka, an SMM mini-UAV spotted for the first time about 20 anti-tank mines assessed as not recently laid. In a field about 1.5km south of Oleksandrivka, the same UAV again spotted about 100 anti-tank mines about 50m south of road H-15 between Marinka (government-controlled, 23km south-west of Donetsk) and Kremynets (non-government-controlled, 16km south-west of Donetsk). These mines were assessed as belonging to the armed formations. (For previous observations in the area see [SMM Daily Report of 20 April 2021](#).)

On the same day, about 4.5km south-south-west of Styła, an SMM mid-range UAV [again](#) spotted at least 300 anti-tank mines. About 1km east, the same UAV again spotted about 50 anti-tank mines. All these mines were assessed as belonging to the armed formations.

On 5 May, in a field about 700m north-west of Komuna (non-government-controlled, 56km north-east of Donetsk), the SMM observed for the first time a piece of unexploded ordnance (UXO), assessed as not recent and as a rocket from a multiple launch rocket system (BM-27 *Uragan*, 220mm), embedded in the ground, about 30m east of a local road and about 150m from civilian houses.

On the same day, in a field about 3.5km north-north-west of Komuna, the SMM observed for the first time a piece of UXO, assessed as not recent and as a rocket from a multiple launch rocket system (*Grad*-type, 122mm), about 30m west of road M-03.

SMM facilitation of maintenance and operation of critical civilian infrastructure

The Mission continued to facilitate the operation of the Donetsk Filtration Station (DFS) (15km north of Donetsk). While positioned in Yasynuvata (non-government-controlled, 16km north-east of Donetsk) the SMM recorded an undetermined explosion, assessed as within a 5km radius of the DFS.

The SMM also monitored adherence to a localized ceasefire to enable inspection and maintenance of water infrastructure and pumping station near Novotoshkivske (government-controlled, 53km west of Luhansk).

Situation at entry-exit checkpoints and corresponding checkpoints

In Luhansk region, the Mission noted that the entry-exit checkpoint (EECP) near Stanytsia Luhanska and the corresponding checkpoint of the armed formations south of Stanytsia Luhanska bridge were open, with people queuing to travel in both directions.

The SMM also noted that the EECPs near Zolote and Shchastia (government-controlled, 20km north of Luhansk) were open but that the corresponding checkpoints of the armed formations south of the disengagement area near Zolote and 3km south-east of the bridge in Shchastia were closed.

The SMM continued monitoring in Kherson, Odessa, Lviv, Ivano-Frankivsk, Kharkiv, Dnipro, Chernivtsi and Kyiv.

***Restrictions of the SMM's freedom of movement or other impediments to fulfilment of its mandate**

The SMM's monitoring and freedom of movement are restricted by security hazards and threats, including risks posed by mines, UXO and other impediments – which vary from day to day. The SMM's mandate provides for safe and secure access throughout Ukraine. All signatories of the Minsk agreements have agreed on the need for this safe and secure access, that restriction of the SMM's freedom of movement constitutes a violation, and on the need for rapid response to these violations. They have also agreed that the Joint Centre for Control and Coordination (JCCC) should contribute to such response and co-ordinate mine clearance. Nonetheless, the armed formations in parts of Donetsk and Luhansk regions frequently deny the SMM access to areas adjacent to Ukraine's border outside control of the government (for example, see [SMM Daily Report of 4 May 2021](#)). The SMM's operations in Donetsk and Luhansk regions remain restricted following [the fatal incident of 23 April 2017 near Pryshyb](#); these restrictions continued to limit the Mission's observations.

Delays:

- At the checkpoint of the armed formations near Staromykhailivka (non-government-controlled, 15km west of Donetsk) two visibly armed members of the armed formations instructed the SMM to await their supervisor's permission to cross. After about 20 minutes the patrol turned back and left.
- On road M-04 near Kruta Balka (non-government-controlled, 16km north of Donetsk), two visibly armed members of the armed formations allowed the SMM passage towards the DFS only after 90 minutes.

Regular restrictions related to disengagement areas and mines/UXO:

- The sides continued to deny the SMM full access, as well as the ability to travel certain roads previously identified as important for effective monitoring by the Mission and for civilians' movement, through failure to conduct comprehensive clearance of mines, UXO and other obstacles.

Other impediments: ⁷

- While positioned on the north-western edge of Oleksandrivka (non-government-controlled, 20km south-west of Donetsk) to conduct an announced mini-UAV flight, the SMM heard three bursts of small-arms fire, assessed as directed at the UAV. The Mission landed the UAV and left the area. (See above.)
- While positioned on the western edge of Smile (non-government-controlled, 31km north-west of Luhansk) to conduct an announced mini-UAV flight, the SMM heard five bursts of small-arms fire, assessed as directed at the UAV. The Mission landed the UAV and left the area. (See above.)

⁷ For cases of probable jamming and jamming mentioned in this section, the interferences could have originated from anywhere within the radius of kilometres from the UAVs' positions.

- An SMM mini-UAV experienced GPS signal interference, assessed as caused by probable jamming, while flying over areas near Donetsk city's Petrovskiyi district (non-government-controlled, 15km south-west of Donetsk city centre).
- An SMM mid-range and mini-UAV experienced GPS signal interference, assessed as caused by probable jamming, while flying over areas near Petrivske (non-government-controlled, 21km south of Donetsk).
- An SMM mini-UAV experienced GPS signal interference, assessed as caused by probable jamming, while flying over areas near Yasne (non-government-controlled, 30km south-west of Donetsk).
- An SMM mini-UAV experienced GPS signal interference, assessed as caused by probable jamming, while flying over areas near Novoluhanske (government-controlled, 53km north-east of Donetsk).
- An SMM mini-UAV experienced GPS signal interference, assessed as caused by probable jamming, during two separate flights while flying over areas near Kodema (government-controlled, 57km north-east of Donetsk).

Tables of weapons

Weapons in violation of withdrawal lines:

Date	No. of weapons	Type of weapon	Location	Source of observation
Non-government-controlled areas				
30/4/2021	1	Probable mortar (2B11 <i>Sani</i> , 120mm)	Near Dovhe (22km north-west of Luhansk)	Mini-UAV

Weapons beyond withdrawal lines but outside designated storage sites⁸:

Date	No. of weapons	Type of weapon	Location	Source of observation
Government-controlled areas				
4/5/2021	1	Self-propelled anti-aircraft system (2K22 <i>Tunguska</i>)	In a compound in Ocheretyne (31km north-west of Donetsk)	Long-range UAV
Non-government-controlled areas				
25/4/2021	8	Probable towed artillery	In a training area near Miusynsk (62km south-west of Luhansk), where imagery also revealed the presence of 39 armoured combat vehicles ⁹	Aerial imagery
	4			
	21			
27/4/2021	25	Tank (type undetermined)	In a training area near Myrne (28km south-west of Luhansk), where imagery also revealed the presence of 40 armoured combat vehicles	Aerial imagery
			In a training area near Buhaivka (37km south-west of Luhansk), where imagery also revealed the presence of 76 armoured combat vehicles	
4/5/2021	13	Tank (seven probable T-72B and six undetermined)	In a training area near Pokrovka (36km east of Donetsk), where imagery also revealed the presence of 26 armoured combat vehicles and three anti-aircraft guns	Long-range UAV
	3	Anti-tank gun (MT-12 <i>Rapira</i> , 100mm)		

Other weapons¹⁰:

Date	No. of weapons	Type of weapon	Location	Source of observation
Non-government-controlled areas				
27/4/2021	8	Self-propelled artillery	In a training area near Buhaivka (37km south-west of Luhansk)	
	11	Towed artillery		

Table of military and military-type presence in the security zone¹¹

Date	No.	Type	Location	Source of observation
Government-controlled areas				
1/5/2021	2	Infantry fighting vehicle (BMP-1)	Near a residential area in Orikhove (57km north-west of Luhansk)	Mini-UAV
5/5/2021	1	Armoured personnel carrier (BTR-80)	Near Krasnohorivka (24km north of Donetsk)	Patrol
	1	Armoured personnel carrier (BTR variant)	In a residential area in Bolotene (22km north-east of Luhansk)	
Non-government-controlled areas				
30/4/2021	2	Infantry fighting vehicle (BMP-1)	Near Dovhe (22km north-west of Luhansk)	Mini-UAV
	3	Armoured combat vehicle (two MT-LB variants and one probable BMP variant)		

⁸ These armoured combat vehicles are not proscribed by the provisions of the Minsk agreements on the withdrawal of weapons.

⁹ The armoured combat vehicles mentioned in this table are not proscribed by the provisions of the Minsk agreements on the withdrawal of weapons.

¹⁰ The SMM was unable to assess whether these weapons were in violation of withdrawal lines in the absence of information on their calibre.

¹¹ The hardware mentioned in this section is not proscribed by the provisions of the Minsk agreements on the withdrawal of weapons.

Table of ceasefire violations as of 5 May 2021¹²

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera 2km E of Bohdaniivka (government-controlled, 41km SW of Donetsk)	2-4km SE	Recorded	16	Projectile	SW to NE (unable to be assessed as inside or outside the disengagement area near Petrivske)	N/K	4-May, 21:00
	2-4km SE	Recorded	7	Projectile	SW to NE (unable to be assessed as inside or outside the disengagement area near Petrivske)	N/K	4-May, 21:12
	2-4km SE	Recorded	1	Projectile	SW to NE (unable to be assessed as inside or outside the disengagement area near Petrivske)	N/K	4-May, 21:19
	2-4km SE	Recorded	3	Projectile	SW to NE (unable to be assessed as inside or outside the disengagement area near Petrivske)	N/K	4-May, 22:19
	2-4km SE	Recorded	1	Projectile	SW to NE (unable to be assessed as inside or outside the disengagement area near Petrivske)	N/K	4-May, 22:20
	2-4km SE	Recorded	5	Projectile	SW to NE (unable to be assessed as inside or outside the disengagement area near Petrivske)	N/K	4-May, 22:56
	2-4km SE	Recorded	1	Projectile	NNW to SSE (unable to be assessed if inside or outside the Petrivske disengagement area)	N/K	4-May, 22:59
	2-4km SE	Recorded	1	Projectile	NNW to SSE (unable to be assessed if inside or outside the Petrivske disengagement area)	N/K	4-May, 23:03
	2-4km SE	Recorded	1	Projectile	SW to NE (unable to be assessed if inside or outside the Petrivske disengagement area)	N/K	4-May, 23:04
	2-4km SE	Recorded	5	Projectile	SW to NE (unable to be assessed if inside or outside the Petrivske disengagement area)	N/K	4-May, 23:10
	2-4km SE	Recorded	12	Projectile	SW to NE (unable to be assessed if inside or outside the Petrivske disengagement area)	N/K	4-May, 23:35
	2-4km ESE	Recorded	1	Muzzle flash	Assessed as inside the Petrivske disengagement area	N/K	4-May, 23:35
	2-4km E	Recorded	3	Explosion	Airburst (unable to be assessed if inside or outside the Petrivske disengagement area)	N/K	4-May, 23:35

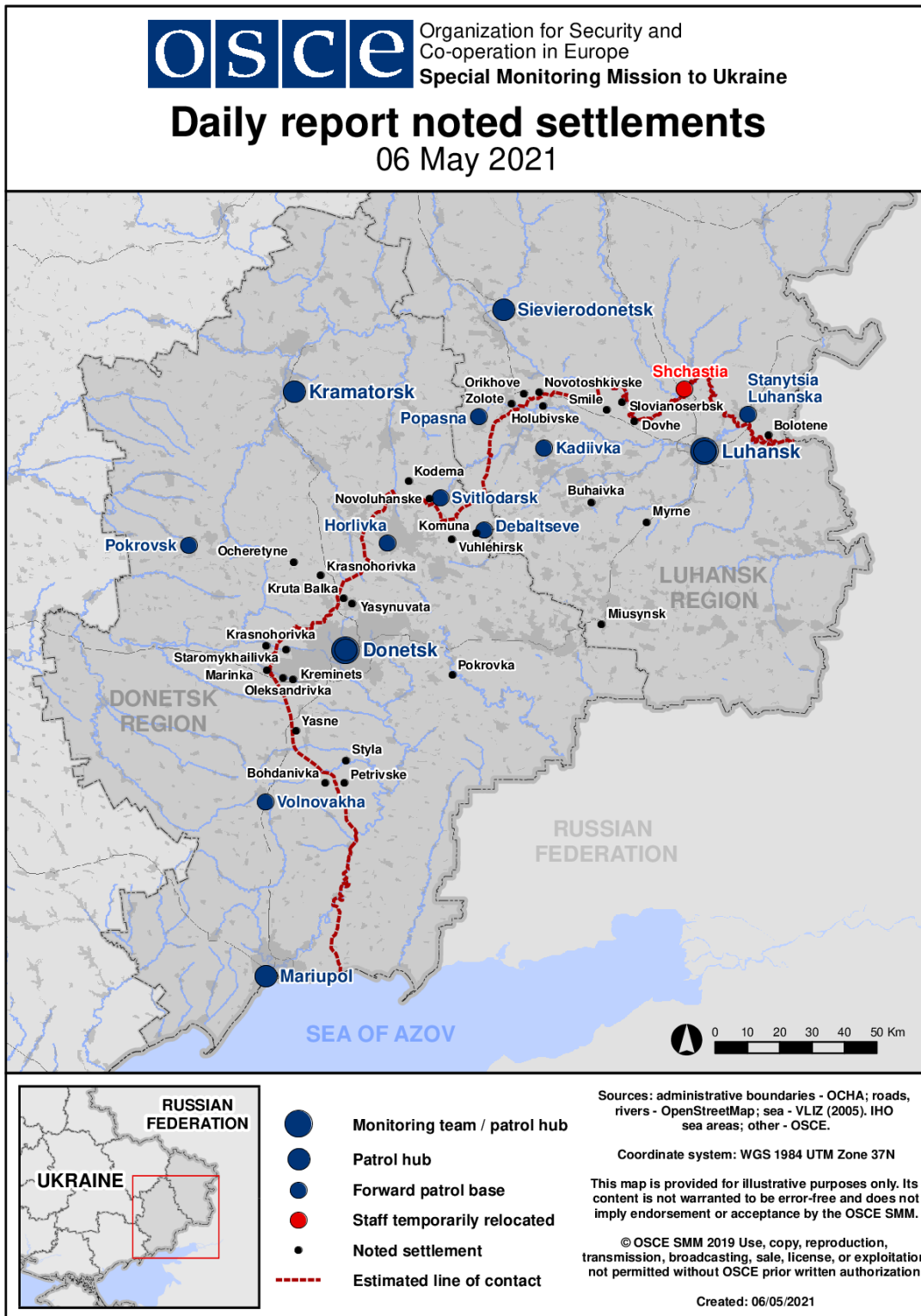
¹² The table only includes ceasefire violations directly observed by SMM patrols or recorded by the SMM cameras, and it may include those also assessed to be live-fire exercises, controlled detonations, etc. Details provided – in terms of distance, direction, weapons-type, etc. – are based on assessments provided by monitors on the ground and technical monitoring officers, and are not always necessarily precise. When information is not known (indicated with an “N/K”), the SMM was unable to ascertain such information due to distance, weather conditions technical limitations and/or other considerations. Ceasefire violations recorded by more than one patrol/camera and assessed to be the same are entered only once.

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
	2-4km SE	Recorded	2	Projectile	SW to NE (unable to be assessed if inside or outside the Petrivske disengagement area)	N/K	4-May, 23:37
SMM camera 1.5km NE of Hnutove (government-controlled, 90km S of Donetsk)	2-4km SE	Recorded	13	Projectile	NNE to SSW	N/K	4-May, 20:57
	2-4km SE	Recorded	5	Projectile	NNE to SSW	N/K	4-May, 20:59
	2-4km SE	Recorded	1	Muzzle flash		N/K	4-May, 22:12
	2-4km SE	Recorded	1	Projectile	NNE to SSW (subsequent to previous event)	N/K	4-May, 22:12
	2-4km SE	Recorded	1	Explosion	Impact (subsequent to previous event)	N/K	4-May, 22:12
	2-4km SE	Recorded	4	Projectile	NNE to SSW	N/K	4-May, 23:57
	2-4km SE	Recorded	3	Projectile	NNE to SSW	N/K	5-May, 01:00
	2-4km SE	Recorded	9	Projectile	NNE to SSW	N/K	5-May, 02:58
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	2-4km SE	Recorded	5	Projectile	NNE to SSW	N/K	5-May, 02:59
	2-4km E	Recorded	4	Projectile	In vertical flight	N/K	5-May, 03:10
	2-4km E	Recorded	1	Projectile	In vertical flight	N/K	5-May, 03:11
	1-3km E	Recorded	4	Projectile	In vertical flight	N/K	5-May, 03:24
SMM camera at entry-exit checkpoint in Marinka (government-controlled, 23km SW of Donetsk)	1-3km ENE	Recorded	1	Projectile	NE to SW	N/K	5-May, 03:27
	2-4km NNE	Recorded	1	Explosion	Undetermined	N/K	4-May, 21:12
	3-5km NNW	Recorded	1	Explosion	Undetermined	N/K	4-May, 21:44
	3-5km NNW	Recorded	1	Explosion	Undetermined	N/K	4-May, 22:55
	3-5km NNW	Recorded	1	Explosion	Undetermined	N/K	4-May, 23:01
	3-5km NNW	Recorded	1	Explosion	Undetermined	N/K	4-May, 23:07
SMM camera 1km SW of Shyrokyne (government-controlled, 100km S of Donetsk)	3-5km NNW	Recorded	1	Explosion	Undetermined	N/K	4-May, 23:08
	3-5km NNW	Recorded	2	Explosion	Undetermined	N/K	4-May, 23:14
	2-4km N	Recorded	1	Projectile	SW to NE	N/K	4-May, 21:14
	2-4km N	Recorded	1	Explosion	Airburst (subsequent to previous event)	N/K	4-May, 21:14
	2-4km N	Recorded	1	Explosion	Airburst	N/K	4-May, 21:14
About 1km NW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	2-4km NNE	Recorded	1	Projectile	SE to NW	N/K	4-May, 23:33
	2-4km N	Recorded	2	Projectile	E to W	N/K	5-May, 02:59
NW edge of Oleksandrivka (non-government-controlled, 20km SW of Donetsk)	3-4km SW	Heard	1	Explosion	Undetermined	N/K	5-May, 09:39
	6-8km SE	Heard	2	Explosion	Undetermined	N/K	5-May, 11:12-11:19
Trudivski area of Donetsk city's Petrovskiyi district (non-government-controlled, 15km SW of Donetsk city centre)	1.4km W	Heard	3	Burst		Small arms	5-May, 11:13
	4-5km SE	Heard	2	Explosion	Undetermined	N/K	5-May, 12:25
About 2km N of Petrivske (non-government-controlled, 41km S of Donetsk)	3-5km SSE	Heard	2	Explosion	Undetermined (assessed as outside the disengagement area near Petrivske)	N/K	5-May, 10:40-10:42
	7-10km SSE	Heard	20	Explosion	Undetermined assessed as outside the disengagement area near Petrivske"	N/K	5-May, 10:53-11:03
	5-8km SSE	Heard	40	Burst	assessed as outside the disengagement area near Petrivske	HMG	5-May, 10:53-11:05
	2-3km SSE	Heard and saw	1	Explosion	Undetermined (assessed as outside the disengagement area near Petrivske)	N/K	5-May, 11:07
	3-5km SSE	Heard	20	Burst	assessed as outside the disengagement area near Petrivske	HMG	5-May, 11:05-11:15
	3-5km SSE	Heard	32	Explosion	Undetermined (assessed as outside the disengagement area near Petrivske)	Mortar (type N/K)	5-May, 11:05-11:15
	3-5km SSE	Heard	4	Explosion	Undetermined (assessed as outside the disengagement area near Petrivske)	N/K	5-May, 11:15-11:20

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
	2km SSE	Heard	2	Explosion	Undetermined (assessed as outside the disengagement area near Petrivske)	N/K	5-May, 11:27-11:30
	3-8km SSE	Heard	14	Explosion	Undetermined (assessed as outside the disengagement area near Petrivske)	N/K	5-May, 11:20-11:30
	3-8km SSE	Heard	12	Burst	assessed as outside the disengagement area near Petrivske	HMG	5-May, 11:32-11:33
	7-10km E	Heard	2	Explosion	Undetermined (N/K	5-May, 11:32-11:33
	3-8km SSE	Heard	18	Explosion	Undetermined (assessed as outside the disengagement area near Petrivske)	N/K	5-May, 11:30-11:40
	3-8km SSE	Heard	32	Burst	assessed as outside the disengagement area near Petrivske	HMG	5-May, 11:30-11:40
	3-8km SSE	Heard	16	Explosion	Undetermined (assessed as outside the disengagement area near Petrivske)	N/K	5-May, 11:45-11:55
	3-8km SSE	Heard	18	Burst	assessed as outside the disengagement area near Petrivske	HMG	5-May, 11:45-11:55
	3-8km SSE	Heard and saw	1	Explosion	Undetermined (assessed as outside the disengagement area near Petrivske)	N/K	5-May, 11:56
	3-8km SSE	Heard	22	Explosion	Undetermined (assessed as outside the disengagement area near Petrivske)	N/K	5-May, 11:55-12:05
	3-8km SSE	Heard	12	Burst	assessed as outside the disengagement area near Petrivske	HMG	5-May, 11:55-12:05
	3-8km SSE	Heard	38	Explosion	Undetermined (assessed as outside the disengagement area near Petrivske)	N/K	5-May, 12:05-12:15
	3-8km SSE	Heard	8	Burst	assessed as outside the disengagement area near Petrivske	HMG	5-May, 12:05-12:15
	4-5km SE	Heard	2	Explosion	Undetermined (assessed as outside the disengagement area near Petrivske)	N/K	5-May, 12:25
	3-8km SSE	Heard	22	Explosion	Undetermined (assessed as outside the disengagement area near Petrivske)	N/K	5-May, 13:30-13:40
	3-8km SSE	Heard	24	Burst	assessed as outside the disengagement area near Petrivske	HMG	5-May, 13:45-13:48
	3-8km SSE	Heard	5	Explosion	Undetermined (assessed as outside the disengagement area near Petrivske)	N/K	5-May, 13:45-13:48
About 2km WNW of Pisky (government-controlled, 12km NW of Donetsk)	4-6km E	Heard	4	Explosion	Undetermined	N/K	5-May, 10:23-10:27
About 1km N of Vuhlehirsk (non-government-controlled, 49km NE of Donetsk)	2-4km NNW	Heard	2	Explosion	Undetermined	N/K	5-May, 10:11
	2km NNW	Heard	6	Shot		Small arms	5-May, 10:15
	2km NE	Heard	52	Shot		Small arms	5-May, 10:25-10:28
	2km NE	Heard	9	Burst		Small arms	5-May, 10:25-10:28
	3km NW	Heard	1	Explosion	Undetermined	N/K	5-May, 12:09

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
About 2.5km S of Lohvynove (non-government-controlled, 59km NE of Donetsk)	2-3km W	Heard	8	Shot		Small arms	5-May, 12:32
	3-4km NNW	Heard	1	Explosion	Undetermined	N/K	5-May, 12:44
	4-5km NNE	Heard	1	Explosion	Undetermined	N/K	5-May, 12:47
Horlivka (non-government-controlled, 39km NE of Donetsk)	7-8km s	Heard	1	Explosion	Undetermined	N/K	5-May, 02:20-02:30
	4-5km SE	Heard	1	Explosion	Undetermined	N/K	5-May, 13:06
	4-5km SE	Heard	1	Explosion	Undetermined	N/K	5-May, 13:14
About 2 km WSW of Zalizne (formerly Artemove, government-controlled, 42km NE of Donetsk)	2-3km SSE	Heard and saw	1	Explosion	Impact	N/K	5-May, 12:33
	2-3km SSE	Heard and saw	1	Explosion	Impact	N/K	5-May, 12:48
About 500m SE of Nelipivka (government-controlled, 40km NE of Donetsk)	2-3km SE	Heard	1	Explosion	Undetermined	N/K	5-May, 13:00
	2-3km SE	Heard	1	Explosion	Undetermined	N/K	5-May, 13:14
About 1.5km ESE of Luhanske (government-controlled, 59km NE of Donetsk)	2.5km SW	Heard and saw	1	Explosion	Impact	N/K	5-May, 12:08
Svitlodarsk (government-controlled, 57km NE of Donetsk)	3-5km NE	Heard	1	Explosion	Undetermined	N/K	5-May, 12:10
Pavlopil (government-controlled, 84km S of Donetsk)	2-4km WNW	Heard	6	Explosion	Undetermined	N/K	5-May, 10:12-10:16
About 2km NE of Chernenko (government-controlled, 86km S of Donetsk)	2-4km W	Heard	1	Explosion	Undetermined	N/K	5-May, 10:42
	5-6km SE	Heard	6	Explosion	Undetermined	N/K	5-May, 11:44-11:46
	6km E	Heard	1	Explosion	Undetermined	N/K	5-May, 11:46
	4km W	Heard	3	Explosion	Outgoing	Artillery (type N/K)	5-May, 12:10
	5km SE	Heard and saw	3	Explosion	Impact	Artillery (type N/K)	5-May, 12:10
About 2.5km SSE of Lomakyne (government-controlled, 93km S of Donetsk)	2-3km NE	Heard and saw	1	Explosion	Impact	N/K	5-May, 13:12
Chermalyk (government-controlled, 77km S of Donetsk)	6km S	Heard	1	Explosion	Undetermined	N/K	5-May, 10:41
About 2km E of Bohdanivka (government-controlled, 41km SW of Donetsk)	4-5km SE	Heard	6	Explosion	Undetermined (assessed as outside disengagement area near Petrivske)	N/K	5-May, 12:21-12:25
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	3-5km ENE	Recorded	1	Explosion	Undetermined (assessed as outside the Zolote disengagement area)	N/K	5-May, 01:59
W edge of Smile (non-government-controlled, 31km NW of Luhansk)	6-8km WNW	Heard	1	Explosion	Undetermined	N/K	5-May, 10:48
	3.5km NNW	Heard	5	Burst		Small arms	5-May, 12:50-12:51
N edge of Pervomaisk (non-government-controlled, 58km W of Luhansk)	8-10km NE	Heard	1	Explosion	Undetermined	N/K	5-May, 10:49
About 2km SW of Berezivske (non-government-controlled, 53km NW of Luhansk)	3-4km NNW	Heard	2	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	5-May, 11:50-11:56
	1-2km NNW	Heard	1	Shot	Assessed as outside the disengagement area	N/K	5-May, 11:56
Holubivske (non-government-controlled, 51km W of Luhansk)	2-3km NW	Heard	3	Burst	Assessed as outside the disengagement area	HMG	5-May, 11:38
	2-3km NW	Heard	2	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	5-May, 11:50
N edge of Kalynove-Borshchuvate (non-government-controlled, 61km west of Luhansk)	2-4km WNW	Heard	2	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	5-May, 14:22

Map of Donetsk and Luhansk regions¹³



¹³ The SMM is deployed to ten locations throughout Ukraine – Kherson, Odessa, Lviv, Ivano-Frankivsk, Kharkiv, Donetsk, Dnipro, Chernivtsi, Luhansk and Kyiv – as per Permanent Council Decision 1117 of 21 March 2014. This map of eastern Ukraine is meant for illustrative purposes and indicates locations mentioned in the report, as well as those where the SMM has offices (monitoring teams, patrol hubs and forward patrol bases) in Donetsk and Luhansk regions. (In red: a forward patrol base from which SMM staff have temporarily relocated based on recommendations of security experts from participating States, as well as SMM security considerations. The SMM uses the premises during daylight hours and also patrols in this settlement during daylight hours).